STIC-Biotech/ChemLib

From:

Subject:

Sent:

Brannock, Michael Tuesday, September 10, 2002 10:13 AM STIC-Biotech/ChemLib 09227854

Please provide a full length and oligo search of SEQ ID NO: 2 against interference databases

Thank You,

Michael T. Brannock, Ph.D. Patent Examiner, AU 1646 Crystal Mall One, 9E13 (703) 306-5876 Mail Box in room 10C1

> **Point of Contact** P. Sheppard Telephone number: (703) 308-4499

	TYPE OF SEARCH:	VENDOR/COST (where applic.				
Searcher:	NA Sequences:	STN:				
Phone:	AA Sequences:	DIALOG:				
location:	Structures:	Questel/Orbit:				
		DRLink:				
Date Picked Up:	Litigation:	Lexis/Nexis:				
Searcher Prep/Review:(703) 35c 3496	Full text:	Sequence Sys.:				
Clerical:	Patent Family:	WWW/Internet:				
Online time:	Other:	Other (specify):				

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NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 90
TYPE: PRT
ORGANISM: Human
US-09-167-705-3
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; COTHER INFORMATION: Angiotropin-related protein US-09-646-651A-1
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US-09-167-705-3
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Search completed: September 11, 2002, 08:34:11 Job time: 327 sec
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
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Best Local Similarity 68.1
Matches 62; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/09167705B
GENERAL INFORMATION:
APPLICANT: Schmidt, Ann Marie
APPLICANT: Stern, David
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Best Local Similarity
Matches 59; Conserv
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TYPE: PRT
ORGANISM: Unknown
FEATURE:
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PRIOR APPLICATION NUMBER: PCT/EP98/07722
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: DE 198 11 047.2
PRIOR FILING DATE: 1998-03-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/167,705B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Extracellular Novel RAGE Binding Protein (EN-RAGE) and RITLE OF INVENTION: Uses Thereof TILE REFERENCE: 0575/55873
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61 DANQDEQVSFKEFVVLVTDVLITAHDNIHKE 91
                                                                                           61 DADKDGAVSFEEFVVLVSRVLKTAHIDIHK 90
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                                                                                                                          DANODEOVDFOEFISLVAIALKAAHYHTHK 91
                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                             66.0%; Score 309; DB 15; 65.6%; Pred. No. 1.2e-26;
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ATTORNEY/AGENT INFORMATION:

APPLICATION NUMBER: FILING DATE:

ING DATE: Filed Herewith APPLICATION DATA:

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                       REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 32
TELECOMMUNICATION INFORMATION:
                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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LENGTH: 91 amino acids
                                                                                  FILING DATE: December 8, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                          CURRENT APPLICATION DATA:
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LIBRARY: GenBa
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TELEPHONE: 415-855-0555
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REGISTRATION NUMBER: 36,749
                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                         OPERATING SYSTEM:
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            TELEPHONE:
                                                                                                                  APPLICATION NUMBER:
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NEW JERSEY
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E: CECCHI, STEWART
6 BECKER FARM ROAD
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201-994-1744
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             201-994-1700
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Pred. No. 3.3e-29;
0; Mismatches 17;
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                              RESULT 14
US-09-646-651A-1
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Sequence 1, Applicat GENERAL INFORMATION:
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Best Local
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LENGTH: 91
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                                                                                                                                                                                                                                                                                                                                                                             FEATURE: NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Unknown
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                                                                                                  61 DANQDEQVSFKEFVVLVTDVLITAHDNIHKE 91
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                Application US/09646651A
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Pred. No. 7.3e-28;
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APPLICANT: Brunner, Herwig
TITLE OF INVENTION: METAL-CONTAINING RIBONUCLEOTIDE POLYPEPTIDES

APPLICATION NUMBER: US/09/646,651A

APPLICANT:

APPLICANT: Kiesewetter, Stefan

Kuhn, Eckehard Koch-Pelster, Brigitte

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US-09-760-484-588
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PT243
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Best Local S
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CURRENT FILING DATE: 2001-01-16

Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 638

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 57941, Application PC/TUS0108631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: PCT/US01/08631
CURRENT FILING DATE: 2001-03-30
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 21272-049
                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/540,217
                                                                                                                                                                                                                                                                  NUMBER. OF SEQ ID NOS:
SOFTWARE: Custom
                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2000-03-3
               LOCATION: (7)..(51)
OTHER INFORMATION: S-100/ICaBP type calcium binding domain identified by PFam.
OTHER INFORMATION: accession name S_100, E-value=2.1e-09, PFam score of 44.7
                                                                                  OTHER INFORMATION: S-100/ICaBP type calcium binding protein domain identified OTHER INFORMATION: eMATRIX, accession number BL00303B, p-value=7.107e-24, raw OTHER INFORMATION: of 26.15
                                                                                                                                       NAME/KEY: DOMAIN
LOCATION: (52)..(89)
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                                                 NAME/KEY: DOMAIN LOCATION: (7)...
NAME/KEY:
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misc_feature
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Conservative (
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Pred. No. 1.8e-44;
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; LOCATION: (1)...(95); OTHER INFORMATION: Xaa = X or * as defined in Table PCT-US01-08631-57941
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US-08-759-913-5
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 638
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 450
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                                                                                                                                                                                                                                      sequence 5, Application US/08759913
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CURRENT FILING DATE: 2001-01-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rosen et al TITLE OF INVENTION: Nuc FILE REFERENCE: PTZ43
                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 139
                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS,
                                                                                                                                                    APPLICANT: Hillman, Jennifer L. TITLE OF INVENTION: NOVEL HUMAN NUMBER OF SEQUENCES: 8
                                                                                                                                                                                              APPLICANT:
                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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wes 67; Conserv
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                                                                                                STREET: 31/4 PO
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                                                                   COUNTRY:
                                                                                     STATE:
                                                                                                                           ADDRESSEE:
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              IBM Compatible
                              Diskette
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Pred. No. 1
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Pred. No. 5.8e-30;
1; Mismatches 0;
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SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:

APPLICATION NUMBER:

US/08/759,913

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                                                                                                                                                                                                         Sequence 24, Application US/09958053 GENERAL INFORMATION:
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APPLICANT: Remppis, Andrew
TITLE OF INVENTION: Therapy of cardiac insufficiency
FILE REFERENCE: P-UX 5006
CURRENT APPLICATION NUMBER: US/09/958,053
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: DE 199 15 485.6
PRIOR FILING DATE: 1999-04-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Vers. 2.0
SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                    APPLICANT: Katus, Hugo A. APPLICANT: Remppis, Andr
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LENGTH: 92 amino acids
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TITLE OF INVENTION: Human Chemotactic Cytokine NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 301-309-8504
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MEDIUM TYPE: Floppy disk
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APPLICATION NUMBER: US 0:
FILING DATE: 06-DEC-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/227,854
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Pred. No. 1.7e-44;
Mismatches 0;
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; ORGANISM: Homo sapiens US-09-760-457-432
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US-09-760-457-432
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-760-443-1495
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                                                                                                                                                                                                                                                                                                                       Sequence 432, Applic GENERAL INFORMATION:
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PJZ12
Query Match
Best Local Similarity
                                                                                                                                                     SEQ ID NO 432
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Best Local Similarity
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SEQ ID NO 1495
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Best Local
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                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/760,457
CURRENT FILING DATE; 2001-01-16
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 601
SOFTWARE: Patentin Ver. 2.0
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CURRENT FILING DATE: 2001-01-16
                                                                                                                                                                                                                                                                    FILE REFERENCE: PJZ15
                                                                                                                                                                                                                                                                                APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
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                                                                                                              LENGTH: 95
TYPE: PRT
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Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                             Application US/09760457
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 100.0%;
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Pred. No. 1.7e-44;
 Score 468; DB 21;
Pred. No. 1.8e-44;
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INFORMATION FOR SEQ ID NO:

0

201-994-1744

201-994-

TELECOMMUNICATION INFORMATION

REFERENCE/DOCKET NUMBER:

325800-473

TELEPHONE:

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TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-16871-2
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
                                                                                                    TELEFAX: 415-845-4166 (NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/759,913 FILING DATE: Filed Herewith PRIOR APPLICATION DATA:
                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                       SEQUENCE CHARACTERISTICS:
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         IMMEDIATE SOURCE:
                        MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                            CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Billings, Lucy
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
SOFTWARE: FastSE(
                                                                                                                                                                                                                                                                                                                                                                                                                                                  MBER OF SEQUENCES:
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                                              LENGTH: 92 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                     REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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INVENTION: NOVEL HUMAN S100 PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/08759913
Consensus
                                                                                                                                                                                                                                                                                                                                                                                                            3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bandman, Olga
Goli, Surya K.
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                                                                                                                 415-845-4166
                                    linear
                                                                                                                                                                                                                                                                                                              IBM Compatible
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                                                                                                                                                                                                                                                                                                                                Diskette
                     peptide
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Pred. No. 1.7e-44;
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Query Match

100.0%;

Score 468;

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Length 92;

RESULT 4 US-09-227-854-2

Sequence 2, Application US/09227854 GENERAL INFORMATION:

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61 LDANQDEQVDFQEFISLVAIALKAAHYHTHKE 61 LDANQDEQVDFQEFISLVAIALKAAHYHTHKE 92

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Conservative

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US-08-761-289-2
                                                                     MOLECULE TYPE: US-08-761-289-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
          Query Match
Best Local Similarity
                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 AMINO ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                  ATTORNEY AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 LDANQDEQVDFQEFISLVAIALKAAHYHTHKE 92
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                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: ROSELAND
STATE: NEW JERSEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: UZIP: 07068
                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                                  TOPOLOGY:
                                                                                                                STRANDEDNESS:
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                                                                                                                                 AMINO ACID
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6 BECKER FARM ROAD
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Conservative 0
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                                                                                                                                                92 AMINO ACIDS
                                                                                                                                                                                           201-994-1744
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN
                                                                                                    LINEAR
                                                                                                                                                                                                                                                                                            December 8, 1995
                                                                                                                                                                                                                                                                                                                                                       UMBER: US/08/761,289
December 6, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                INCH DISKETTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human Chemotactic Cytokine I
100.0%; Score 468; DB 11; 100.0%; Pred. No. 1.7e-44; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                      33,073
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); Mismatches 0;
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq
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Perfect score:
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                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                              Score
                                                  seg length: 0 seg length: 2000000000
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1 MTKLEEHLEGIVNIFHQYSV.....EFISLVAIALKAAHYHTHKE
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                                                                                                                                                                                                                                                                                                                                                                                                                                            /cgn2_6/ptodata/2/paa/US086_COMB.pep: *
/cgn2_6/ptodata/2/paa/US087_COMB.pep: *
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/cgn2_6/ptodata/2/paa/US60_COMB.pep:*
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      PCT-US95-16871-2
US-08-759-913-1
US-08-761-289-2
6 US-09-227-854-2
3 US-09-958-053-24
1 US-09-760-443-1495
1 US-09-760-443-432
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                                                                                                                                                                                                                                           SUMMARIES
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(without alignments)
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Sequence 2, Appli
Sequence 1, Appli
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Sequence 24, Appl
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Sequence 432, App
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US9-16871-2 Quence 2, Appl ENERAL INFORMA APPLICANT: N APPLICANT: A COUNTRY: NJ COUNTRY: NJ COUNTRY: NJ COUNTRY: NJ COMPUTER READ MEDIUM TYPE COMPUTER: OPERATING S SOFTWARE: CURRENT APPLI APPLICATION FILING DATE CLASSIFICAT ATTORNEY/AGEN NAME: FEGI REGISTRATIC		44444444444444444444444444444444444444
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; OTHER INFORMATION: SWISSPROT HIT: P80511, EVALUE 1.00e-20 US-10-203-134-37220
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                                                                                                                                                                                                                                                                           SOFTWARE: Molecular Dynamics Sequence Listing Engine SEQ ID NO 37220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local Similarity
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SOFTWARE: Molecular Dynamics Sequence Listing Engine ID NO 28051
                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 21 September 2000 (21.09.00)
PRIOR APPLICATION NUMBER: US 09/608.408
PRIOR FILING DATE: 30 June 2000 (30.06.00)
NUMBER OF SEQ ID NOS: 38628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 04 February 2000 (04.02.00)
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 26 May 2000 (26.05.00)
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 03 August 2000 (03.08.00)
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/203,134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: ANALYSIS OF GENE EXPRESSION IN HUMAN BONE MARROW
FILE REFERENCE: PB 0004 WO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10-203-134-37220
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PRIOR FILING DATE: 21 September 2000 (21.09.00)
                                                                                                                                                                                                       LENGTH: 46
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                     FEATURE:
OTHER INFORMATION:
                                                                                                                                         FEATURE:
OTHER INFORMATION: MAP TO AC011666.18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PPLICANT: Molecular Dynamics, Inc.
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FEATURE:
OTHER INFORMATION: MAP TO ACCOLLEGE.18
                                                FEATURE:
                                                                   OTHER INFORMATION: EST_HUMAN HIT: AV715719.1, EVALUE 1.00e-19
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FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/236,359
FILING DATE: 27 September 2000 (27.09.00)
FILING DATE: 21 September 2000 (27.09.00)
FILING DATE: 21 September 2000 (27.09.00)
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FILING DATE: 30 June 2000 (30.06.00)
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Rank, David R.
Hanzel, David K.
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                                                                                                              EXPRESSED IN BONE MARROW, SIGNAL = 7.1
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; Pred. No. 2.2e-17;
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Query Match 50.0%; Score 234; DB 6; Length 46; Best Local Similarity 100.0%; Pred. No. 2.2e-17; Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps

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Search completed: September 11, 2002, 08:34:52 Job time: 348 sec

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US-09-791-537-101828
                                                                                                                                                                                                                                                                                                                US-09-791-537-13830; Application US/09791537
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US-09-791-537-99618
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Best Local 9
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Best Local Similarity
ORGANISM: Oryctolagus cuniculus -09-791-537-13830
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APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
TITLE OF INVENTION: METHODS OF USE THEREOF
                                                                      NUMBER OF SEQ ID NOS: 153055
SOFTWARE: PatentIn version 3.0
EQ ID NO 13830
                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
                                                                                                                                                                                          APPLICANT: Debe, Derek
APPLICANT: Danzer, Joseph
APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF
TITLE OF INVENTION: METHODS OF USE THEREOF
                                                                                                                                                                                                                                                                             APPLICANT: Bionomix, Inc.
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                                                                                                                                                                         TILE REFERENCE: 261/210
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LENGTH: 91
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Pred. No. 6.8e-26;
3; Mismatches 18;
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US-09-791-537-138681
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Best Local S
Matches 52
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Best Local Similarity
Matches 48; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                    PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 04 February 2000 (04.02.00)
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 26 May 2000 (26.05.00)
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 03 August 2000 (03.08.00)
PRIOR FILING DATE: 03 October 2000 (03.10.00)
PRIOR FILING DATE: 03 October 2000 (03.10.00)
                                                                                                                                                                                                          TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUI TITLE OF INVENTION: ANALYSIS OF GENE EXPRESSION IN HUMAN HEART FILE REFERENCE: PB 0004 WO 1
CURRENT APPLICATION NUMBER: US/10/182,995
CURRENT FILING DATE: 2002-08-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/791,537 CURRENT FILING DATE: 2001-02-22
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VITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY
VITLE OF INVENTION: METHODS OF USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12 VNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIKDKAVIDEIFQGLDANQDEQVDF 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 DADKKGAVVF 70
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Rank, David R.
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Chen, Wensheng
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                  : 03 October 2000 (03.10.00)
NUMBER: US 60/236,359
27 September 2000 (27.09.00)
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Pred. No. 3.7e-21;
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Pred. No. 1.3e-18;
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                                                                                                                                                                                                                            Sequence 132106, Application US/09791537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 601
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 432
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Prior application removed - See File Wrapper or Palm SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                          GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0 SEQ ID NO 132106 LENGTH: 91
                                                  CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 153055
                                                                                                     APPLICANT: Danzer, Joseph TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE TITLE OF INVENTION: METHODS OF USE THEREOF FILE REFERENCE: 261/210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Nucleic Acids, Proteins, FILE REFERENCE: PJZ15C1N CURRENT APPLICATION NUMBER: US/10/217,527 CURRENT FILING DATE: 2002-08-14
                                                                                                                                                           APPLICANT: Debe, Derek APPLICANT: Danzer, Jos.
                                                                                                                                                                                        APPLICANT: Bionomix, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rosen et al
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/212,054
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TYPE: PRT
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100.0%; Pred. No. 2e-41;
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Pred. No. 2e-41;
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Principle

NUMBER OF SOFTWARE:

SEQ ID NOS: 153055

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APPLICANT: PERRON, Herve
TITLE OF INVENTION: USE OF A POLYPEPTIDE FOR DETECTING, PREVENTING OR TREATIN
TITLE OF INVENTION: CONDITION ASSOCIATED WITH A DEGENERATIVE, NEUROLOGICAL O:
FILE REFERENCE: 111664
CURRENT APPLICATION NUMBER: US/10/030,937
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATTON ....
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Best Local
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                                                               APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMIL
TITLE OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 261/210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
                                                                                                                                    APPLICANT: Bionomix, Inc. APPLICANT: Debe, Derek
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Best Local Similarity
"~+~hes 92; Conserve
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APPLICANT: ROECKLIN, Dominique
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APPLICANT:
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PRIOR FILING DATE: 2000-07-17
PRIOR APPLICATION NUMBER: FR9909372
PRIOR FILING DATE: 1999-07-15
PRIOR FILING DATE: 1999-07-15
PRIOR FILING DATE: 1999-07-15
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CURRENT FILING DATE: 2002-07-01
 PRIOR APPLICATION NUMBER: PCT/FR00/02057
                 CURRENT APPLICATION NUMBER: US/10/030,937
                                                     APPLICANT: CHARLES, Marie-Helene
APPLICANT: MALCUS, Carine
APPLICANT: SANTORO, Lyse
APPLICANT: SANTORO, Lyse
APPLICANT: DERRON, Herve
APPLICANT: DERRON, Herve
APPLICANT: DERRON, HOLYBEPTIDE FOR DETECTING,
TITLE OF INVENTION: CONDITION ASSOCIATED WITH A DEGENER
FILE REFERENCE: 111664
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APPLICANT: MALCUS, Carine
APPLICANT: NANTORO, Lyse
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TYPE: PRT
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TILE OF INVENTION: USE OF A POLYPEPTIDE FOR DETECTING, PREVENTING OR TREATING A PATI
TILE OF INVENTION: CONDITION ASSOCIATED WITH A DEGENERATIVE, NEUROLOGICAL OR AUTOIN
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Pred. No. 1.9e-41;
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; LENGTH: 92
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-030-937-20
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Sequence 1495, Application US/10212054
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PJZ12C1N
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Best Local (
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TYPE: PRT
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0; Mismatches Score 468; DB 6; Pred. No. 1.9e-41; No. Mismatches 0;

Length 92;

Indels

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Gaps

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PRIOR FILING DATE: 1999-07-15
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
PRIOR APPLICATION NUMBER: PCT/FR00/02057
PRIOR FILING DATE: 2000-07-17
PRIOR APPLICATION NUMBER: FR9909372
PRIOR FILING DATE: 1999-07-15
                                                                                                                                                                                     APPLICANT: CHARLES, Marie-Helene
APPLICANT: MALCUS, Carine
APPLICANT: SANTORO, Lyse
APPLICANT: SANTORO, Lyse
APPLICANT: PERRON, Herve
TITLE OF INVENTION: USE OF A POLYPEPTIDE FOR DETECTING, PREVENTING OR TREATING
TITLE OF INVENTION: CONDITION ASSOCIATED WITH A DEGENERATIVE, NEUROLOGICAL OR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-07-17 PRIOR APPLICATION NUMBER: FR9
                                                                                                       CURRENT APPLICATION NUMBER: US/10/030,937
                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: ROECKLIN, Dominique
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Local Similarity 100.0%; Pred. No. 1.9e-41;
hes 92; Conservative 0; Mismatches 0;
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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Gapop 10.0 , Gapext 0.5
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/cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*
/cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
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US-09-791-537-99618
US-09-791-537-138681
US-09-791-537-138681
US-10-182-995-28051
US-10-203-134-37227
US-10-203-135-35692
US-10-203-135-35692
US-10-203-135-35818
US-09-791-537-120880
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Sequence 105345,	Sequence 507, App!	Sequence 137459,	Sequence 137682,	Sequence 151224,	Sequence 261, Appl	Sequence 863, App	Sequence 138923,	Sequence 139303,	Sequence 137727,	Sequence 137477,	Sequence 138340,	Sequence 13822, A	Sequence 75, Appl:	Sequence 139538,	Sequence 124512,	•	Sequence 768, App.	Sequence 1060, Ap	

ALIGNMENTS

Application US/09791537

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US-09-791-537-137536
                                                                                                                                                                                   Sequence 2, Application US/10077600 GENERAL INFORMATION:
APPLICANT: Switch Biotech AG
TITLE OF INVENTION: Method for dia-
FILE REFERENCE: S30274US
                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 137536 LENGTH: 92
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Best Local Similarity
Matches 92; Conserv
                                                                                                             CURRENT APPLICATION NUMBER: US/10/077,600
CURRENT FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bionomix, Inc.
APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES
TITLE OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 261/210
CURRENT FILING DATE: 2001-02-22
CURRENT FILING DATE: 2001-02-22
CURRENT OF SEQ ID NOS: 153055
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                        61 LDANQDEQVDFQEFISLVAIALKAAHYHTHKE 92
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Pred. No. 1.9e-41;
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                   quence 7, Application US/09205680A
tent No. 6103497
                         APPLICANT: Shah, Purvi
TITLE OF INVENTION: HU
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LIBRARY: GenBa
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                61 LDANQDEQVDFQEFISLVAIALKAAHYHTHK 91
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              ADDRESSEE:
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REGISTRATION NUMBER: 36,749
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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Incyte Pharmaceuticals, Inc
3174 Porter Drive
                                                                                        Bandman, Olga
Corley, Neil C.
Lal, Preeti
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                                                                                                                                   Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GenBank
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Corley, Neil C.
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                                                          HUMAN S100 PROTEINS
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                                                                                                                                                                                                                                                                                                                                                                                ; Score 180.5; DB 2;
; Pred. No. 1.6e-14;
24; Mismatches 31;
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                                                                                                                                                                                                                                                                                                                                                                                                            DB 2;
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LIBRARY: GenBa
CLONE: 488157
US-09-205-680A-7
                                                                                                Matches
                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: Herewith CLASSIFICATION: 530 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION
61 LDANQDEQVDFQEFISLVAIALKAAHYHTHK 91
                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 39, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                       STRANDEDNESS:
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                                                                                                                                                                                                                                                                                          ENGTH:
                                 SQLERSISTIINVFHQYSRKYGHPDTLNKAEFKEMVNKDLPNFLKREKRNENLLRDIMED 66
                                                      TKLEEHLEGIVNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIK-DKAVIDEIFQG 60
                                                                                                                                                                                                                                                                                                                                                                                                                                 Colette C. Muenzen
                                                                                                                                                                                                                                                                         amino acid
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                                                                                                Conservative
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                                                                                                            38.6%;
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                                                                                              24; Mismatches
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                                                                                                             Score 180.5; DB 3
Pred. No. 1.6e-14;
                                                                                                                          DB 3;
                                                                                              31;
                                                                                              Indels
                                                                                                                          Length 113;
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Search completed: September 11, 2002, 08:30:14 Job time: 110 sec

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                                                                                                                                                                                  ; ORGANISM: Protein S-100b
US-09-051-589-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-051-589-1
                                                                                                                  Query Match
                                                                                                                                                                                                                                            SEQ ID NO 1
LENGTH: 92
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                                                                                                                                                                                                                                                                                                                                   APPLICANT: HAGLID, Kenneth G.
TITLE OF INVENTION: USE OF PROTEIN S-100B IN MEDICINES CONTAINING THE
TITLE OF INVENTION: PROTEIN S-100B
FILE REFERENCE: 003300-418
CURRENT APPLICATION NUMBER: US/09/051,589
CURRENT FILING DATE: 1998-04-15
EARLIER APPLICATION NUMBER: SE 9503620-8
EARLIER APPLICATION NUMBER: BCT.50620-8
                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 1 SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                          EARLIER FILING DATE: 1996-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 39,784
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-555
TELEFAX: 650-845-555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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                                                                                                    Local
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                     1 MTKLEEHLEGIVNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIKDKAVIDEIFQG 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MTKLEEHLEGIVNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIKDKAVIDEIFQG 60
1 MSELEKAMVALIDVFHQYSGREGDKHKLKKSELKELINNELSHFLEEIKEQEVVDKVMET 60
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                                                                                                 Similarity
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amino acid
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                                                                                               40.0%; Score 187; DB 2 38.4%; Pred. No. 2e-15;
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                                                                                                                  DB 2; Length 92
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                                                                              Indels
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RESULT 14
US-08-918-727-7
; Sequence 7, Application US/08918727
; Patent No. 5849528
; Patent INFORMATION:
ADDITION: Hillman, Jennifer L.
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                                                                                                                                                                                                                                                                                                                              Query Match
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INFORMATION FOR SEQ ID NO:
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REFERENCE/DOCKET NUMBER: DAT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 700-907
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ATTORNEY/AGENT INFORMATION:
NAME: Brinkman, David W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 05-FEB-1990 PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                        61 DNDGDGECDFQEFMAFVAMVTTACH 85
                                                                                                                                                                                        62 DANQDEQVDFQEFISLVAIALKAAH 86
                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 91 amino acids
TYPE: amino acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 05-MA
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                                                                                                                                                                                                                            1 SELEKAMVALIDVFHQYSGREGDKHKLKKSELKELINNELSHFLEEIKEQEVVDKVMETL 60
                                                                                                                                                                                                                                                            2 TKLEEHLEGIVNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIKDKAVIDEIFQGL 61
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23
                                                                                                                                                                                                                                                                                                              39.3%; Score 184; DB 1; 38.8%; Pred. No. 4.6e-15;
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; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO:
US-09-270-455-2
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                                                                                                                       Sequence 5, Application US/08918727 Patent No. 5849528
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Patent No.
                                                                                                       GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 2:
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REFERENCE/DOCKET NUMBER: 33
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: DISKETTE, 3.50 INCH, 720 Kb
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NOVEL CALCIUM-BINDING PROTEINS NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
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CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
                                                              APPLICANT:
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                               PPLICANT:
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ATTORNEY/AGENT INFORMATION:
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STREET: 6th FIAND
                 ITLE OF
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                                                                                                                                                                                                                                                                                           Local Similarity
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CITY: NEW YORK CITY
STATE: NEW YORK
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                                                                                                                                                                                                              TELEPHONE:
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6313267
INVENTION: HUMAN S100 PROTEINS F SEQUENCES: 7
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                                          Bandman, Olga
Corley, Neil C.
Lal, Preeti
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YAMAMURA, TOKUJIRO
                                                                                       Hillman, Jennifer L
                                                                                                                                                                                                                                                                            Conservative
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                              Purvi
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76.08;
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                                                                                                                                                                                                                                                                                         Score 205; DB 4;
Pred. No. 6.5e-18;
                                                                                                                                                                                                                                                                           Mismatches
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US-08-918-727-5
                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-(
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650.855-0555
                                             IMMEDIATE SOURCE:
                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
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CITY: Palo Alto
               LIBRARY: GenBank CLONE: 337730
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OPERATING SYSTEM:
SOFTWARE: FastSE
                                                                           STRANDEDNESS:
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STREET: 3174 Porter Drive
                                                                                                              ENGTH:
                                                                                            amino acid
                                                                                                           92 amino acids
                                                                                                                                                                              650-845-4166
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61 LDANQDEQVDFQEFISLVATALKAAH 86 1 MTKLEEHLEGIVNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIKDKAVIDEIFQG 60 1 MSELEKAMVALIDVFHQYSGREGDKHKLKKSELKELINNELSHFLEEIKEQEVVDKVMET 60 Conservative 26; Mismatches Indels 0; Gaps

Length 92;

US-09-205-680A-5 Sequence 5, Application US/09205680A Patent No. 6103497 GENERAL INFORMATION: COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett APPLICANT:
APPLICANT:
APPLICANT: APPLICANT:
APPLICANT: CORRESPONDENCE ADDRESS: TITLE OF INVENTION: HUMAN S100 PROTEINS NUMBER OF SEQUENCES: 9 STREET: 31/4 CITY: Palo Alto COUNTRY: UZIP: 94304 COMPUTER: ADDRESSEE: CA E: Incyte Pharmaceuticals, Inc 3174 Porter Drive USA Bandman, Olga Corley, Neil C. Shah, Purvi Hillman, Jennifer L. Lal, Preeti IBM Compatible

SEQUENCE CHARACTERISTICS

ENGTH:

114 amino acids

amino acid

STRANDEDNESS: TOPOLOGY: lir

linear

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INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: AU PK 4463
FILING DATE: 05-SEP-1991
                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PK 2127
FILING DATE: 05-FEB-1990
                                                                                                                                                      REFERENCE/DOCKET NUMBER: DW
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861 3000
                                                                                     SEQUENCE CHARACTERISTICS
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ANTI-SENSE: NO
 MOLECULE TYPE:
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                                  STRANDEDNESS
                                                                                                                                      TELEFAX:
                                                                                                                                                                                                        NAME: Brinkman, Dav: REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                 TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                                  LENGTH:
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                                                                  109 amino acids
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1100 New York Avenue, N. W., Ninth Floor, East Tower
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o. 5731166el Chemotactic Factor
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Pred. No. 1.3e-18;
Pred. No. 1.3e-26;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 7-70468 and 7-45564(both Japan) FILING DATE: 3/6/95 and 3/6/95, respectively ATTORNEY/AGENT INFORMATION:
                                                                                            PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID
RELEVANT RESIDUES IN SEQ ID
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APPLICATION NUMBER:
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              Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: DISKETTE, 3.50 INCH, 720 Kb MEDIUM TYPE: STORAGE
                                                                                                                                             TOPOLOGY:
                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                       TYPE: amino acid
                                                                                                                                                                                                                                                   TELEPHONE:
                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 271
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
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6th FLOOR
                                                                                                                                                                                                                      (212)953-3352
OR SEQ ID NO: 2:
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 Conservative
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YAMAMURA, TOKUJIRO
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                                                                                                                                                                                                                                                     (212)953-3350
                                                                                                                                                                                                                                                                                                                                                                                                            DECEMBER 6, 1995
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              43.8%;
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              Score 205; DB 2;
Pred. No. 6.5e-18;
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                               Length 51;
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US-09-270-455-19; Sequence 19, A
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.50 INCH, 720 Kb
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: KLEIN, MILTON
REGIZEN NUMBER: 27101
REFERENCE/DOCKET NUMBER: 33
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)953-3350
                                                                                                                                                                                                                                                                                APPLICANT: YAMAGUCHI, KEN
APPLICANT: YAMAMURA, TOKUJIRO
APPLICANT: KIMURA, TATSUJI
TITLE OF INVENTION: NOVEL CAI
NUMBER OF SEQUENCES: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: cDNA PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                  CURRENT APPLICATION DATA
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CLASSIFICATION:
                                 COMPUTER: IBM-PC COMPATIBLE OPERATING SYSTEM: PC-DOS 6.2 SOFTWARE: WORDPERFECT 6.1
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STRANDEDNESS:
                               SOFTWARE:
                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MTKLEDHLEGIINIFHQYSVRVGHFDTLNKRELKQLITKELPKTLQNTKDQPTIDKIFQD 60
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                                                                                                                                                                          ET: 6th FLOOR
: NEW YORK CITY
E: NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                           9, Application US/09270455 6313267
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                                                                                                                                                                                                                              E: WYATT, GERBER, MELLER & O'ROURKE
99 PARK AVENUE
                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                        HITOMI, JIRO
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                                                                                                                                                                                                                                                                                                  NOVEL CALCIUM-BINDING PROTEINS
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US/09/270,455
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3316
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Pred. No. 2.8e-31;
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                                                                                                                                                                                       ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Herschbach Ph.D., Br
REGISTRATION NUMBER: P-39,
                               TELEPHONE: (617) 248-5175
                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Selengut Ph.D., Jeremy D.
APPLICANT: Orme-JÖhnson Ph.D., William H.
APPLICANT: Dretler M.D., Stephen P.
APPLICANT: Asakura M.D., Hirotaka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PUBLICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: KLEIN, MILTON
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PRIOR APPLICATION DATA:
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STREET: STREET: STREET: MA
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                                                                    REFERENCE/DOCKET NUMBER:
                                                                                                                                                        APPLICATION NUMBER: FILING DATE:
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REFERENCE/DOCKET NUMBER: 3
                                                                                                                                         CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                 COUNTRY:
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53 State Street
                                                                                                                                                                                                                                                                                                                    USA
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SYSTEM AND METHOD FOR INHIBITING
                                                                                                                                                                                                                                                                                                                                                                                                                                            FORMATION OF CRYSTALLINE STRUCTURES THAT INCLUDE STRUVI
                                                                                                                                                                                                                                                                                                                                                                                      Hall & Stewart
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                                                                                                      Brenda M.
                                                                    492611-000 (MIT6915)
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Pred. No. 2.8e-31;
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Best Local S
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Patent No. 6313267
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                                                                                                                                                                                                                                                                                                         TELEFAX: (212)953-3352 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                    MOLECULE TYPE: CDNA
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 33
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)953-3350
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PRIOR APPLICATION DATA:
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                                                                                 Local
                                                                                                                                                                                                                                          STRANDEDNESS
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              1 MTKLEEHLEGIVNIFHQYSVRKGHFDTLSKGELKQLLTKELANTIKNIKDKAVIDEIFQG 60
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YAMAMURA, TOKUJIRO
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WORDPERFECT 6.1
                                                                  Conservative
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100.0%; Pred. No. 3.6e-49;
live 0; Mismatches 0;
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                                                                Score 468; DB 4;
Pred. No. 3.6e-49;
; Mismatches 0;
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                                                                                                                                                                                                                                   tent No.
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FILING DATE: 17-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 1:
FILING DATE: 17-JUL-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 18-AUG-
                                                                                                                                                                                    APPLICANT:
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LENGTH: 91 amino acids
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                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                 NUMBER OF SEQUENCES: 20
                                                                                                                                                     APPLICANT:
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TYPE: amino acid
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TOPOLOGY: lin
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                                                                                          ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          64;
10016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                    9, Application 5976832
                           NEW YORK CITY
                                                    6th FLOOR
                                                                          E: WYATT, GERBER, MELLER & 99 PARK AVENUE
                                                                                                                                                                    YAMAGUCHI, KEN
YAMAMURA, TOKUJIRO
                                                                                                                                                                                                       HITOMI, JIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Run on: OM protein -

protein search, using sw model

GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.

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September 11, 2002, 08:28:24; Search time 13.11 Seconds (without alignments) 171.408 Million cell updates/sec
Sequence 2, Appli
                                                                                                                       CLASSIFICATION DATA:

CLASSIFICATION DATA:

APPLICATION UMBER: 7-70468 and 7-4564(both Japan)

FILING DATE: 3/6/95 and 3/6/95, respectively

ATTORNEY/AGENT INFORMATION:

NAME: KLEIN, MILTON

RESISTRATION UMBER: 27101

REFERENCE/DOCKET NUMBER: 3316

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)953-3350

TELEPHONE: (212)953-3350

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:
US-08-568-310D-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 1
US-08-568-310D-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
         MOLECULE TYPE: CDNA
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ
RELEVANT RESIDUES IN SEQ
                                                                                                                                                                                                                                                                                                                                SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,310D
FILING DATE: DECEMBER 6, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.50 INCH, 720 Kb
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: YAMAGUCHI, KEN
APPLICANT: YAMAMURA, TOKUJIRO
APPLICANT: KIMURA, TATSUJI
TITLE OF INVENTION: NOVEL CALCIUM-BINDING PROTEINS
NUMBER OF SEQUENCES: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: HITOMI, JIRO
APPLICANT: YAMAGUCHI, KE
APPLICANT: YAMAMURA, TOKU
APPLICANT: KIMURA, TATSU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: NEW YORK CITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TREET: 99 PARK AVENUE
STREET: 6th FLOOP
                                                                            STRANDEDNESS:
TOPOLOGY: li
                                                                                                       TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM-PC COMPATIBLE OPERATING SYSTEM: PC-DOS 6. SOFTWARE: WORDPERFECT 6.1
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COUNTRY: USA
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US-08-218-727-3
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US-09-205-680A-3
US-09-2048-889-11
US-07-987-272A-17
US-07-987-272A-17
US-07-987-272A-12
US-08-469-486-58
US-08-469-658-58
US-08-918-727-1
US-08-918-727-1
US-08-918-727-1
US-08-918-727-1
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US-08-568-310D-20 US-09-270-455-20 US-08-794-000-2 US-08-798-310D-19 US-09-270-455-1 US-09-270-455-2 US-09-28-7-272A-8 US-09-29-205-680A-7 US-09-205-680A-7 US-08-488-946-2 US-08-488-946-2 US-08-488-946-2 US-08-488-946-2 US-08-488-946-2 US-08-488-946-2 US-08-488-946-2 US-08-98-7272A-1 US-07-987-272A-1 US-07-987-272A-1 US-07-987-272A-1 US-07-987-272A-1	SUMMARIES	results predicted by 1 to the score of the of the total score of	LAA:* data/2/iaa/5A_COMB.pep:* data/2/iaa/5B_COMB.pep:* data/2/iaa/6B_COMB.pep:* data/2/iaa/6B_COMB.pep:* data/2/iaa/PCTUS_COMB.pep:* data/2/iaa/PcTUS_COMB.pep:*)% [00% 5 summaries	00	chosen parameters: 23	1425594 residues	apext 0.5	4-2 IVNIFHQYSVEFISLVAIA
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